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PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| | | |
|---|---|---|
| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | | Attorney Docket No. 524592007200 |
| | | First Inventor Richard B. ROTH |
| Title | METHODS FOR IDENTIFYING RISK OF BREAST CANCER AND TREATMENTS THEREOF | |
| | | Express Mail Label No. EL 984098187 US |

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages **145**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fee Sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets **144**]
5. Oath or Declaration [Total Sheets]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
 MS Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:
Prior application information: Examiner Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | | | |
|--|--------------|----------|----|---|--|
| <input checked="" type="checkbox"/> Customer Number: | 25225 | | OR | <input type="checkbox"/> Correspondence address below | |
| Name | | | | | |
| Address | | | | | |
| City | State | Zip Code | | | |
| Country | Telephone | | | Fax | |

| | | | |
|-------------------|-----------------------|-----------------------------------|-------------------------------|
| Name (Print/Type) | Bruce D. Grant | Registration No. (Attorney/Agent) | 47,608 |
| Signature | | | Date November-25, 2003 |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 984098187 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: **NOVEMBER 25, 2003**

Signature:

(Bruce D. Grant)

U.S.P.T.O.
10/7/2003

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,168.00)

| Complete if Known | |
|----------------------|-----------------------|
| Application Number | Not Yet Assigned |
| Filing Date | Concurrently Herewith |
| First Named Inventor | Richard B. ROTH |
| Examiner Name | Not Yet Assigned |
| Art Unit | Not Yet Assigned |
| Attorney Docket No. | 524592007200 |

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Order Other None

 Deposit Account:

Deposit Account Number 03-1952 referencing 524592007200

Deposit Account Name Morrison & Foerster LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEES CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

| Fee Code (\$) | Fee | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|-----|---------------|-----------------|------------------------|
| 1001 | 770 | 2001 | 385 | Utility filing fee |
| 1002 | 340 | 2002 | 170 | Design filing fee |
| 1003 | 530 | 2003 | 265 | Plant filing fee |
| 1004 | 770 | 2004 | 385 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |

SUBTOTAL (1) (\$ 385.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Extra Claims | Fee from below | Fee Paid |
|----------------------------|----------------|----------|
| Total Claims 64 -20 = | 44 x 9 = | 396 |
| Independent Claims 12 -3 = | 9 x 43 = | 387 |
| Multiple Dependent | | |

Large Entity Small Entity

| Fee Code (\$) | Fee | Fee Code (\$) | Fee Description |
|---------------|-----|---------------|--|
| 1202 | 18 | 2202 | 9 Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 783.00)

** or number previously paid, if greater; For Reissues, see above

FEES CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|--------------|--|----------|
| 1051 | 130 | 2051 65 Surcharge – late filing fee or oath | |
| 1052 | 50 | 2052 25 Surcharge – late provisional filing fee or cover sheet. | |
| 1053 | 130 | 1053 130 Non-English specification | |
| 1812 | 2,520 | 1812 2,520 For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 920* Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 1,840* Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 55 Extension for reply within first month | |
| 1252 | 420 | 2252 210 Extension for reply within second month | |
| 1253 | 950 | 2253 475 Extension for reply within third month | |
| 1254 | 1,480 | 2254 740 Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 1,005 Extension for reply within fifth month | |
| 1401 | 330 | 2401 165 Notice of Appeal | |
| 1402 | 330 | 2402 165 Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 145 Request for oral hearing | |
| 1451 | 1,510 | 1451 1,510 Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 55 Petition to revive – unavoidable | |
| 1453 | 1,330 | 2453 665 Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 665 Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 240 Design issue fee | |
| 1503 | 640 | 2503 320 Plant issue fee | |
| 1460 | 130 | 1460 130 Petitions to the Commissioner | |
| 1807 | 50 | 1807 50 Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 385 Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 900 Request for expedited examination of a design application | |
| Other fee (specify) | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Bruce D. Grant Registration No. 47,608 Telephone (858) 720-7962

Signature Date November 25, 2003

Application No. (if known):

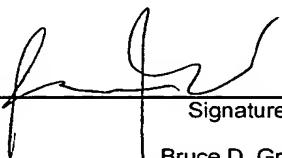
Attorney Docket No.: 524592007200

Certificate of Express Mailing Under 37 CFR 1.10

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on November 25, 2003
Date



Signature

Bruce D. Grant
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet